

Списък на публикациите на гл. ас д-р Меглена Илиева Къндинска-Василева,
представени за участие в конкурса за „доцент“ по 4.2. Химически науки (Органична химия
– Органичен синтез и анализ), обявен в ДВ, бр. 50 от 15.06.2018 г.

1. Bogdanov, M.G., Kandinska, M.I., Palamarev, Ch.E., Palamareva, M.D. Automatic selection of mobile phases. V. Thin-layer chromatography on silica vs. alumina of 3,4-disubstituted isochroman-1-ones including spiro analogues (2005) *Journal of Liquid Chromatography & Related Technologies*, 28 (16), pp. 2539-2550. (IF = 0.814, 2005)
2. Kandinska, M.I., Bogdanov, M.G., Palamarev, Ch.E., Palamareva, M.D. LSChrom software in selection of mobile phases. Thin-layer chromatography on silica or alumina of organic compounds with complex structure and potential biological activity (2005) *Pharmacia*, 52 (1-2), pp. 16-23. (IF няма, 2005)
3. Bogdanov, M.G., Kandinska, M.I., Dimitrova, D.B., Gocheva, B.T., Palamareva, M.D. Preliminary evaluation of antimicrobial activity of diastereomeric *cis/trans*-3-aryl (heteroaryl)-3,4-dihydroisocoumarin-4-carboxylic acids (2007) *Zeitschrift fur Naturforschung - Section C Journal of Biosciences*, 62 (7-8), pp. 477-482. (IF = 0.756, 2007)
4. Yildirim, S.Ö., Akkurt, M., Bogdanov, M.G., Kandinska, M.I., Kazak, C. (\pm)-Methyl 1-oxo-1*H*-spiro-[benzo[c]pyran-3(4*H*),1'-cyclohexane]-4-carboxylate (2007) *Acta Crystallographica Section E: Structure Reports Online*, 63 (3), pp. o1321-o1323. (IF = 0.508, 2007)
5. Yildirim, S.Ö., Akkurt, M., Kandinska, M.I., Bogdanov, M.G., Büyükgüngör, O. *trans*-rac-Methyl 2-hexyl-1-oxo-3-(2-pyridyl)-1,2,3,4- tetrahydroisoquinoline-4- carboxylate (2008) *Acta Crystallographica Section E: Structure Reports Online*, 64 (10), p. o1932. (IF = 0.367, 2008)
6. Bogdanov, M.G., Kandinska, M.I., Dimitrova, D.B., Gocheva, B.T., Palamareva, M.D. Antimicrobial Evaluation of *trans*- and *cis*-3-Aryl(Heteroaryl)-3,4-dihydroisocoumarin-4-Carboxamides (2008) *Annuaire de l'Universite de Sofia*, 100, pp. 243-252. (IF няма)
7. Akkurt, M., Yildirim, S.Ö., Bogdanov, M.G., Kandinska, M.I., Büyükgüngör, O. *trans*-rac-[1-Oxo-2-phenethyl-3-(2-thienyl)-1,2,3,4-tetrahydroisoquinolin-4-yl]methyl 4-methylbenzenesulfonate (2008) *Acta Crystallographica Section E: Structure Reports Online*, 64 (10), pp. o1955-o1956. (IF = 0.367, 2008)
8. Akkurt, M., Karaca, S., Bogdanov, M.G., Kandinska, M.I., Büyükgüngör, O. Methyl *trans*-(\pm)-1-oxo-2-phenethyl-3-(thiophen-2-yl)-1,2,3,4-tetrahydroisoquinoline-4-carboxylate, (2009) *Acta Crystallographica Section E: Structure Reports Online*, 65 (7), pp. o1287-o1288. (IF = 0.411, 2009)
9. Baktr, Z., Akkurt, M., Kandinska, M.I., Bogdanov, M.G., Büyükgüngör, O. (*S*)-Methyl 2-[(3*R*,4*R*)-2-benzyl-3-(2-furyl)-1-oxo-1,2,3,4-tetrahydroisoquinoline-4-carboxamido]-3-(1*H*-indol-3-yl)propanoate (2009) *Acta Crystallographica Section E: Structure Reports Online*, 65 (7), pp. o1461-o1462. (IF = 0.411, 2009)

10. Mitrev, Y., Svinaryarov, I., Kandinska-Yotova, M., Bogdanov, M Reaction between homophthalic anhydride and imines – 35 years later (2012) Bulg. J. Chem., 1 pp. 29-41. (IF няма)
11. Kitova, S., Stoyanova, D., Dikova, J., Kandinska, M., Vasilev, A., Angelova, S. Optical modeling of bulk-heterojunction organic solar cells based on squaraine dye as electron donor (2014) Journal of Physics: Conference Series, 558, pp. 012052. (IF = 0.48, 2017)
12. Kitova, S., Stoyanova, D., Dikova, J., Vasilev, A., Kandinska, M., Angelova, S. Optical properties of thin films of new croconium dye for application in organic solar cells (2014) Nanoscience & Nanotechnology, 14 , pp. 70-73. (IF няма)
13. Kitova, S., Stoyanova, D., Dikova, J., Kandinska, M., Vasilev, A., Angelova, S., Mankov, V. Optical modeling of organic solar cells with standard and inverted structure based on squaraine dye as electron donor (2015) Nanoscience & Nanotechnology, 15 (2), pp. 19-23. (IF няма)
14. Stoyanova, D., Kitova, S., Dikova, J., Kandinska, M., Vasilev, A., Zhivkov, I., Kovalenko, A. The impact of active layer nanomorphology on the efficiency of organic solar cells based on a squaraine dye electron donor (2016) Journal of Physics: Conference Series, 700, pp. 012052. (IF = 0.48, 2017)
15. Kitova, S., Stoyanova, D., Dikova, J., Kandinska, M., Vasilev, A., Mankov, V. Design of organic solar cells based on a squaraine dye as electron donor (2016) Bulgarian Chemical Communications, 48 (G), pp.219-224. (IF = 0.238, 2016)
16. Spassova, M., Angelova, S., Kandinska, M., Vasilev, A., Kitova, S., Dikova, J. Molecular design of electron-donor materials for fullerene-based organic solar cells (2017) Bulgarian Chemical Communications, 49 (G), pp.166-171. (IF = 0.242, 2017/18)
17. Vasilev, A.A., Kandinska, M.I., Stoyanov, S.S., Yordanova, S.B., Sucunza, D., Vaquero, J.J., Castaño, O. D., Baluschev, S., Angelova, S.E. Halogen-containing thiazole orange analogues – new fluorogenic DNA stains (2017) Beilstein J. Org. Chem., 13, pp. 2902-2914. (IF = 2.33, 2017)
18. Vasilev, A.A., Kandinska, M.I., Zagranjarski, Y., Sucunza, D., Vaquero, J.J., Castaño, O.D., Angelova, S.E. Novel asymmetric azaquinolizinium monomethine cyanine dyes versus a Thiazole Orange analog: a comparison of photophysical and dsDNA binding properties (2018) Bulgarian Chemical Communications, 50 (J) pp. 32-39. (IF = 0.242, 2017/18)
19. Kandinska, M.I., Vasilev, A.A., Videva, V.S., Angelova, S.E. A novel monomeric asymmetric tricationic monomethine cyanine dye – Thiazole Orange (TO) analog: synthesis, photophysical and dsDNA binding properties (2018) Bulgarian Chemical Communications, 50 (J) pp. 178-184. (IF = 0.242, 2017/18)

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